

006080 9655960

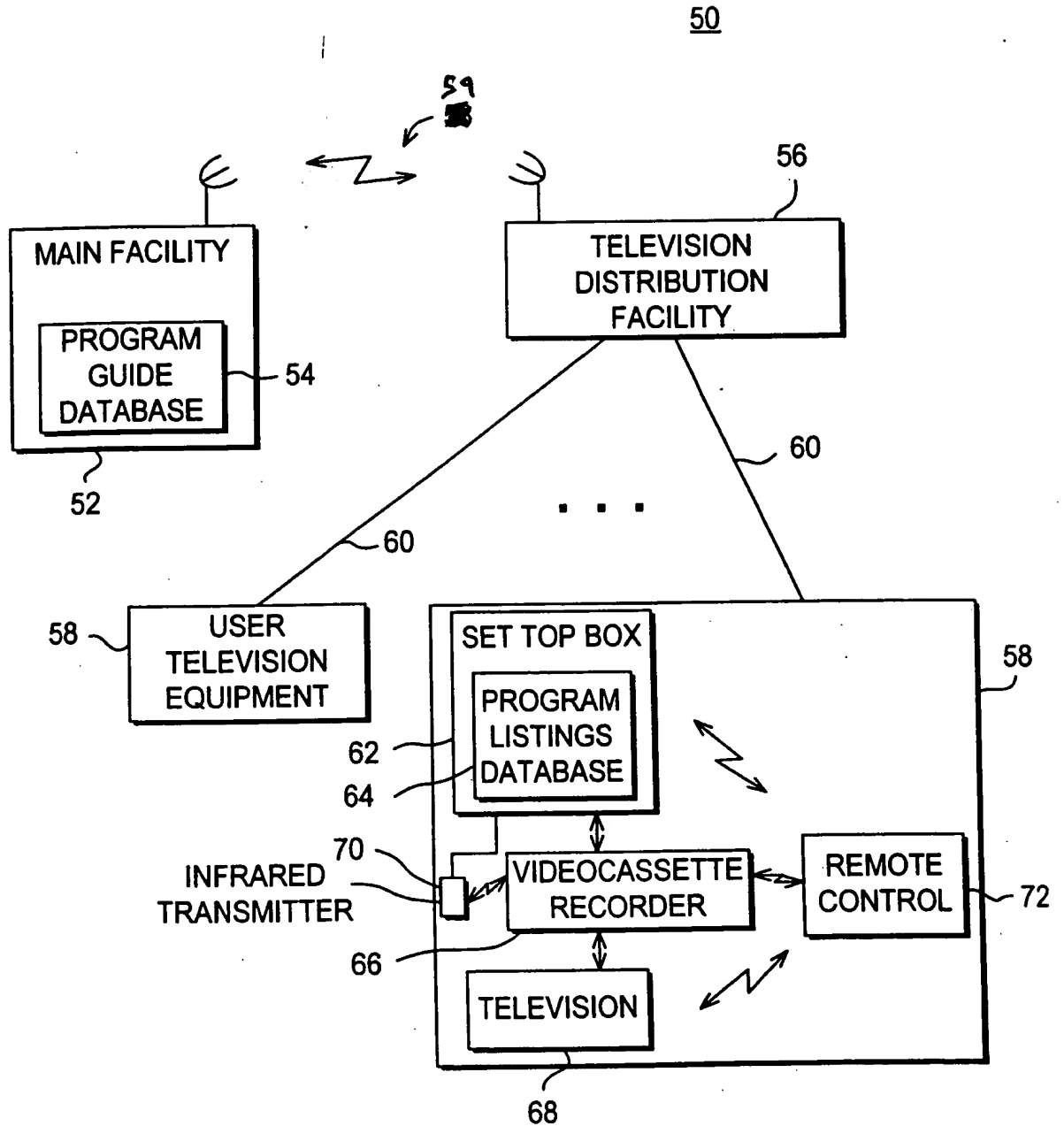


FIG. 1a

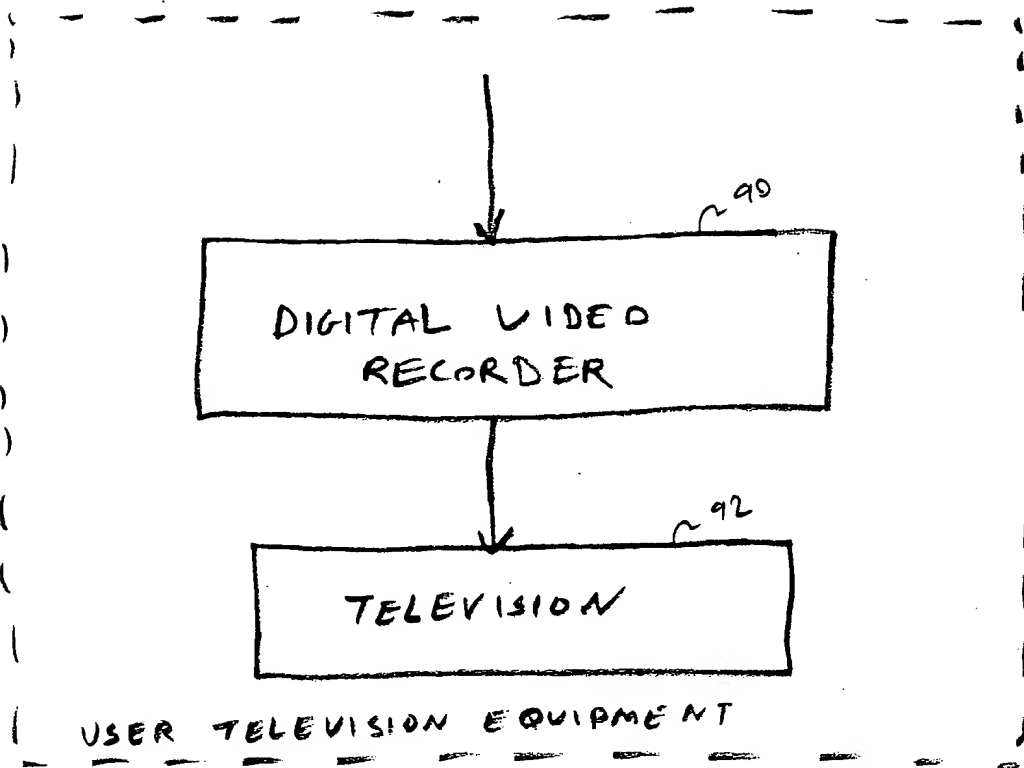


FIG. 1b

000000" 95552960

006080" 9655596 080900

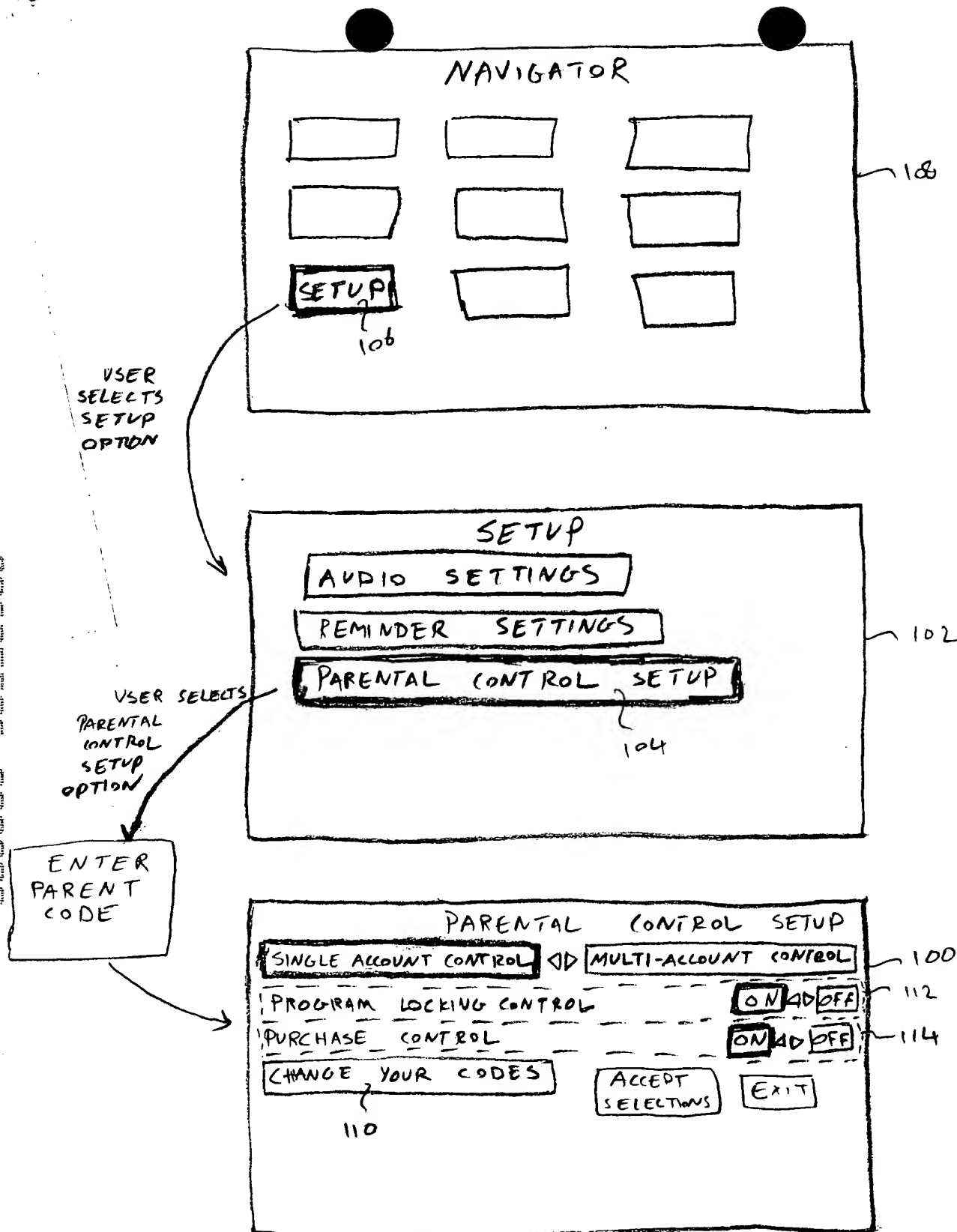
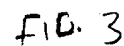


FIG. 2



PARENTAL CONTROL SETUP 128

SINGLE ACCOUNT CONTROL
MULTI-ACCOUNT CONTROL

PROGRAM LOCKING CONTROL
ON ☒ OFF ☐

PURCHASE CONTROL
ON ☒ OFF ☐

CHANGE YOUR CODES

ACCOUNTS	TYPE
TOM	PARENT
KELLY	PARENT
TOMMY	NON-PARENT
JANE	NON-PARENT

ADD AN ACCOUNT
ACCEPT SELECTIONS
EXIT

USER
SELECTS
ADD AN
ACCOUNT
OPTION

ENTER ACCOUNT NAME 136

KAREN

PARENT ACCOUNT
NONPARENT ACCOUNT

USE DEFAULT CODES
YES ☒ NO ☐

ENTER PROGRAM CONTROL CODE

XXXX

ENTER PURCHASE CONTROL CODE

XXXX

REPEAT

XXXX

REPEAT

XXXX

ACCEPT SELECTIONS MADE
EXIT

USER MAKES
SELECTIONS

PARENTAL CONTROL SETUP 144

SINGLE ACCOUNT CONTROL
MULTI-ACCOUNT CONTROL

PROGRAM LOCKING CONTROL
ON ☒ OFF ☐

PURCHASE CONTROL
ON ☒ OFF ☐

CHANGE YOUR CODES

ACCOUNTS	TYPE
TOM	PARENT
KELLY	PARENT
TOMMY	NON-PARENT
JANE	NON-PARENT
KAREN	NON-PARENT

ADD AN ACCOUNT
ACCEPT SELECTIONS
EXIT

FIG. 4a

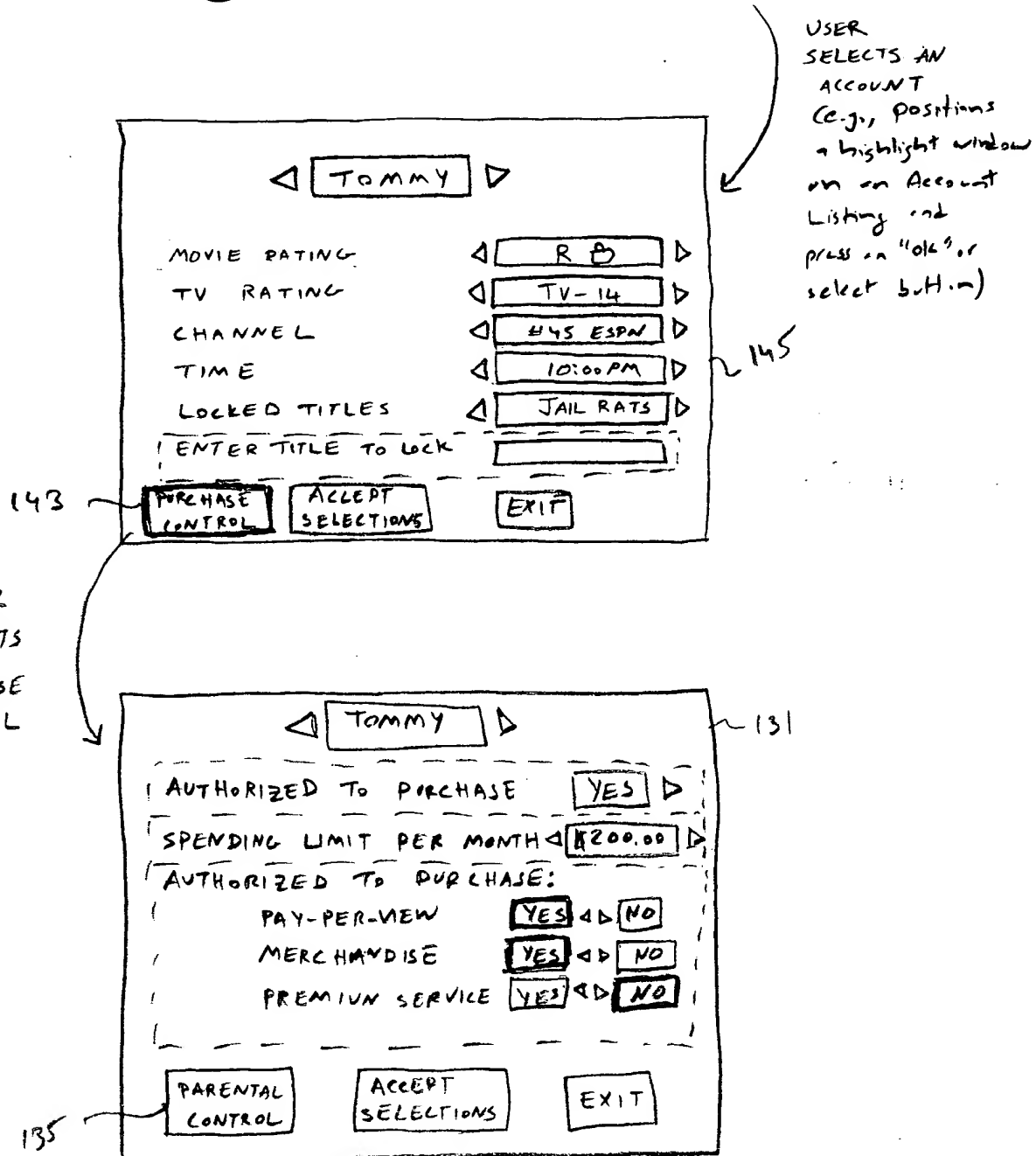


FIG. 4b

006080"9655E960

PARENTAL CONTROL SETUP

SINGLE ACCOUNT CONTROL <> **MULTI-ACCOUNT CONTROL**

PROGRAM LOCKING CONTROL ☒ ON <> ☐ OFF

PURCHASE CONTROL ☒ ON <> ☐ OFF

CHANGE YOUR CODES

ACCOUNTS	TYPE
USER #1	PARENTAL
USER #2	NON-PARENTAL
USER #3	NON-PARENTAL

ADD/DELETE/ADD AN ACCOUNT

USER SELECTS
ADD/DELETE
AN ACCOUNT
OPTION

DELETE ACCOUNT

ADD ACCOUNT - USER #4 ☒ YES <> ☐ NO

USE DEFAULT CODES ☒ YES <> ☐ NO

PARENT ACCOUNT ☒ YES <> ☐ NO

PROGRAM CONTROL CODE XXXX	Repl. F XXXX
PURCHASE CONTROL CODE XXXX	Repl. F XXXX

USER SELECTS
TO ADD
USER #4
AND TO
ADD
USER #4

PARENTAL CONTROL SETUP

SINGLE ACCOUNT CONTROL <> **MULTI-ACCOUNT CONTROL**

PROGRAM LOCKING CONTROL ☒ ON <> ☐ OFF

PURCHASE CONTROL ☒ ON <> ☐ OFF

CHANGE YOUR CODES

ACCOUNTS	TYPE
USER #1	PARENT
USER #3	NON-PARENT
USER #4	NON-PARENT

ADD AN ACCOUNT

Fig. 59

USER #3

Delete Account

SETTINGS

MOVIE RATING

TV RATING

CHANNEL

TIME

LOCKED TITLES

ENTER TITLE TO LOCK

USER
SELECTS
USER #3

USER
SELECTS to
DELETE ACCOUNT
#3 and
ACCEPTS
THE SELECTION
MADE

FIG. 5b

PARENTAL CONTROL SETUP

PROGRAM LOCKING CONTROL

PURCHASE CONTROL

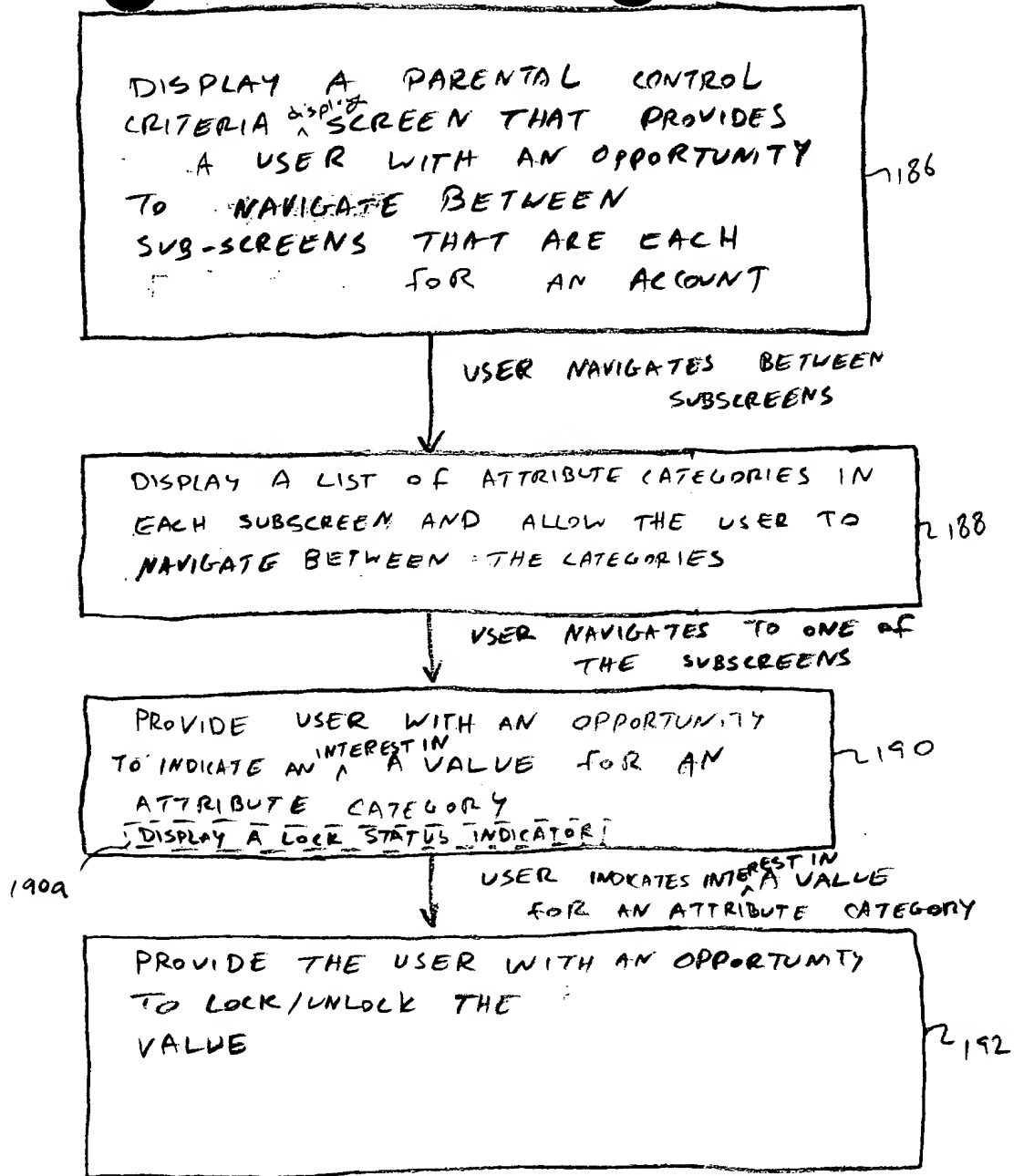
USER #1 PARENT

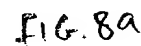
USER #2 NON-PARENT

USER #4 NON-PARENT

006080"9655E960







◀ JANE ▶

MOVIE RATING ▶ R ◀

TV RATING ▶ TV-14 ◀

CHANNEL ▶ #55 (DISNEY) ▶

TIME ▶ 11:00 PM ◀

LOCKED TITLES ▶ NYPD BLUE ▶

ADD A TITLE LOCK

ACCEPT SELECTIONS EXIT

USER
SELECTS
ADD A TITLE
Lock option

TITLE SEARCH
DISPLAY SCREEN

ENTER FIRST THREE LETTERS:

F R A

FRANCE TODAY

FRANKS & BEANS

FRAZIER ▶

USER
SEARCHES
and
SELECTS
FRAZIER

◀ JANE ▶

MOVIE RATING ▶ R ◀

TV RATING ▶ TV-14 ◀

CHANNEL ▶ #55 (DISNEY) ▶

TIME ▶ 11:00 PM ◀

LOCKED TITLES ▶ FRAZIER ▶

ADD A TITLE LOCK

ACCEPT SELECTIONS EXIT

FIG. 8b

006080" 965555960

DISPLAY A DISPLAY SCREEN THAT
INCLUDES A LIST OF ATTRIBUTE CATEGORIES
AND ALLOWS A USER TO NAVIGATE BETWEEN
CATEGORIES

194

PROVIDE USER WITH AN
OPPORTUNITY TO INDICATE AN INTEREST
IN A VALUE FOR AN
ATTRIBUTE CATEGORY

196

DISPLAY A LOCKED STATUS
INDICATOR

196a

USER INDICATES AN INTEREST IN A
VALUE

PROVIDE USER WITH AN
OPPORTUNITY TO CHANGE
THE LOCK SETTINGS OF THE
ATTRIBUTE VALUE

198

USER LOCKS/UNLOCKS ATTRIBUTE
VALUE

PROVIDE USER WITH AN
OPPORTUNITY TO SELECT
ONE OR MORE
ACCOUNTS

200

USER SELECTS ONE OR MORE NON-PARENT
ACCOUNTS

PROVIDE USER WITH AN
OPPORTUNITY TO APPLY
THE CHANGES TO THE
SELECTED ACCOUNTS

202

FIG. 9

USER
SELECTS PARENTAL
CONTROL OPTION

ENTER PARENTAL
CONTROL CODE

USER #1 XXXXX

USER # |
PARENT
CODE IS
ENTERED

A hand-drawn diagram of a VCR control panel. On the left, a vertical list of labels is shown: MOVIE RATING, TV RATING, CHANNEL, TIME, and LOCKED TITLES. To the right of these labels are five rectangular buttons, each with a left-pointing arrow and a right-pointing arrow. The buttons contain the following text from top to bottom: PG-8, TV-6, #30 CHAQ, 7:00 AM, and DALLAS. Below the buttons is a wide rectangular button labeled ADD A TITLE LOCK. At the very bottom is another wide rectangular button labeled APPLY.

MOVIE RATING

TV RATING

CHANNEL

TIME

LOCKED TITLES

PG-8

TV-6

#30 CHAQ

7:00 AM

DALLAS

ADD A TITLE LOCK

APPLY

USER changes the setting for channel #30 (HBO)

MOVIE RATING PG

TV RATING TV-G

CHANNEL H30(H80)

TIME 7:00 AM

LOCKED TITLES DALLAS

ADD A TITLE LOCK

APPLY

USER
SELECTS
APPLY
OPTION

Fig. 10a

USER
SELECTS
WHICH USERS
AND
EXITS

DISPLAY SCREEN
FROM WHICH THE
PARENTAL CONTROL
OPTION WAS SELECTED

516.106

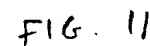


FIG. 11

7224

Black lock
icon

Block
lock
icing

APPLY CHANGES TO SELECTED ACCOUNTS

Black back icon

-Black lock icon

Black lock icon

FIG. 12

FIG. 12

APPLY CHANGES
TO SELECTED ACCOUNTS

USER SELECTS
THE APPLY
CHANGES OPTION

DISPLAY the SCREEN FROM THE PARENTAL CONTROL OPTION is initiated and Apply changes

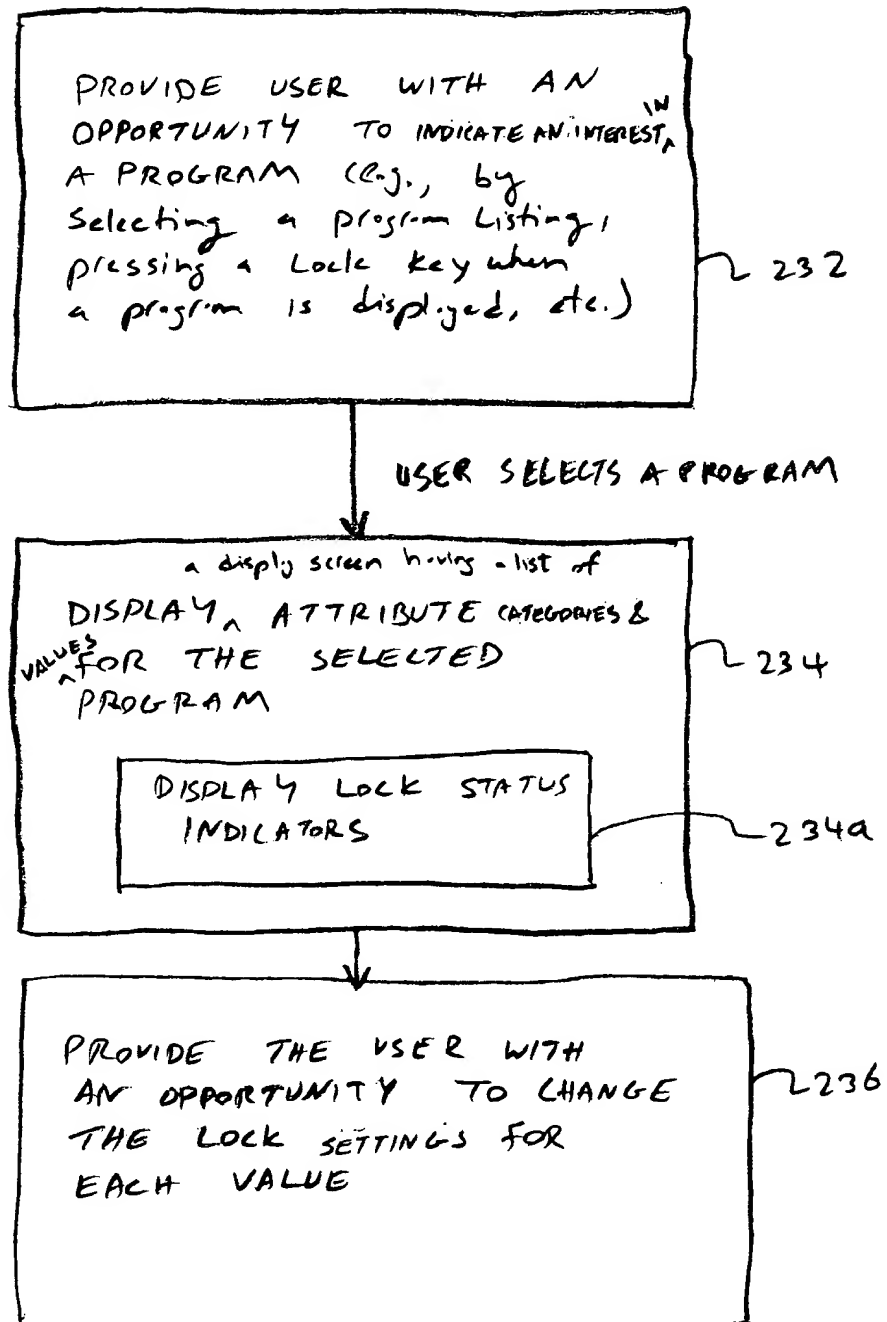


FIG. 13

00635596-000000

USER
PRESSES
LOCK KEY

USER ENTERS
PARENT CODE

USER
TOGGLES
THE TV-PG
LOCK SETTING
FOR JANE

CH	TIME		
5	PROGRAM 1	PROGRAM 2	
7	PROGRAM 3	PROGRAM 4	PROGRAM 5
9	PROGRAM 6		PROGRAM 7
11	PROGRAM 8		
22	SIMPSON'S	PROGRAM 10	

238

◀ JANE ▶

MOVIE RATING	N/A
TV RATING	TV-PG
CHANNEL	#22 (FOX)
TIME	8:00 PM
LOCK/UNLOCK TITLE	SIMPSON'S

2240

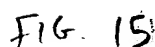
◀ JANE ▶

MOVIE RATING	N/A
TV RATING	TV-PG Ⓟ
CHANNEL	#22 (FOX)
TIME	8:00 PM Ⓟ
LOCK/UNLOCK TITLE	SIMPSON'S

2242

FIG. 14

006080" 9655E960




VIDEO OF
APOCALYPSE NOW
ON CHANNEL 50

252

USER
SELECTS
LOCK KEY

USER ENTERS
PARENTAL CODE

MOVIE RATING

R 

TV RATING

N/A

CHANNEL

#50 (showtime)

TIME

10:00 PM

LOCK/UNLOCK TITLE

APOCALYPSE NOW

APPLY

black lock icon

254

USER
CHANGES
THE
R-RATED
SETTING

MOVIE RATING

R 

TV RATING

N/A

CHANNEL

#50 (showtime)

TIME

10:00 PM 

LOCK/UNLOCK TITLE

APOCALYPSE NOW

APPLY

black lock icon

256

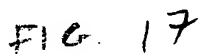
black lock icon

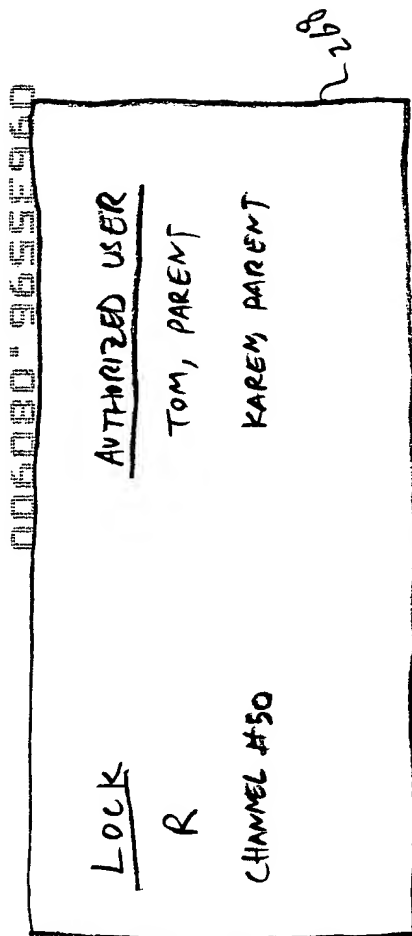
fig 16

USER
SELECTS
APPLY
OPTION

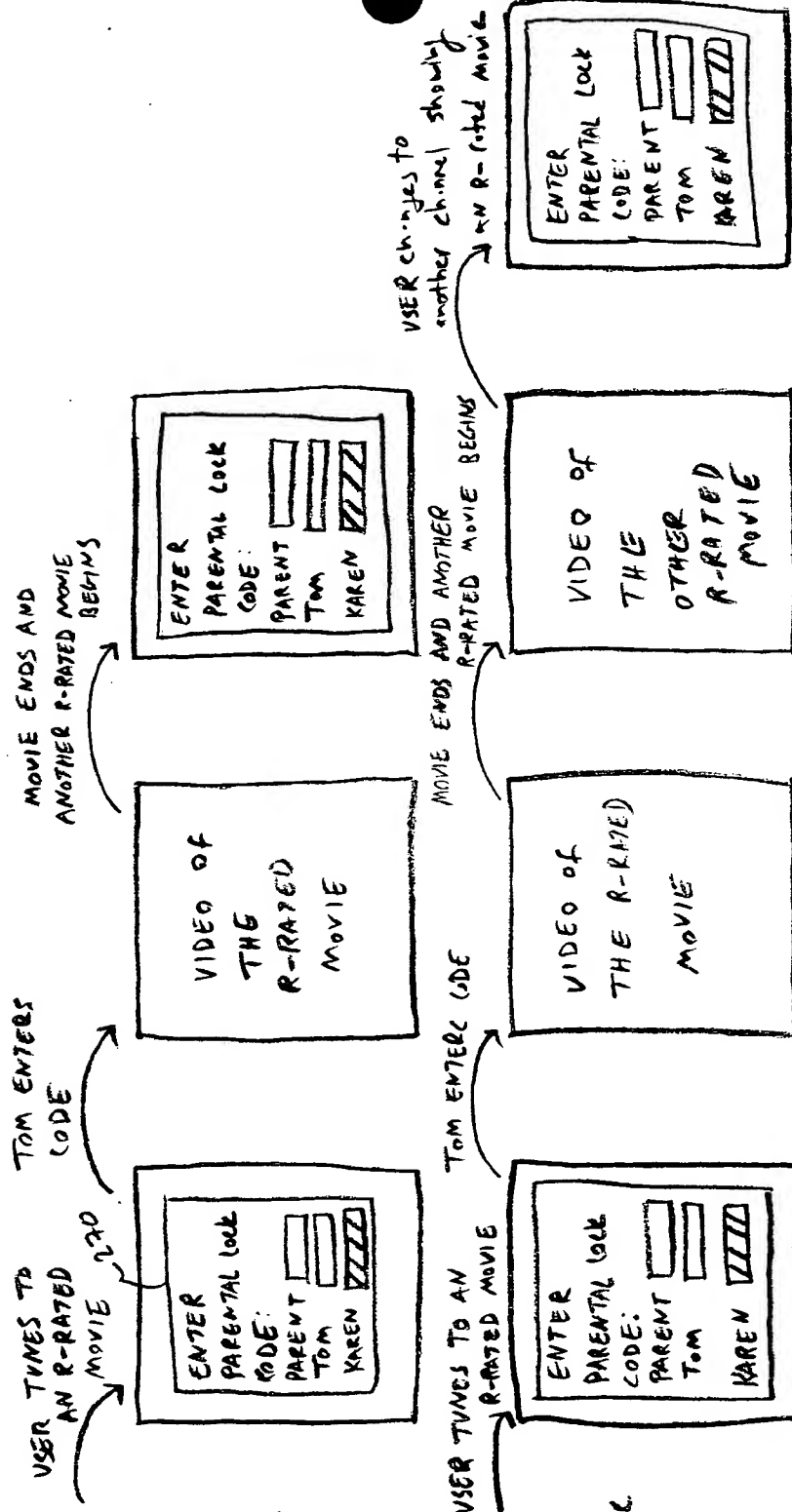
ALLOW THE USER TO SELECT TO
WHICH ACCOUNTS THE CHANGES SHOULD
BE MADE

005080" 96555E960





516.183



981717

546-182

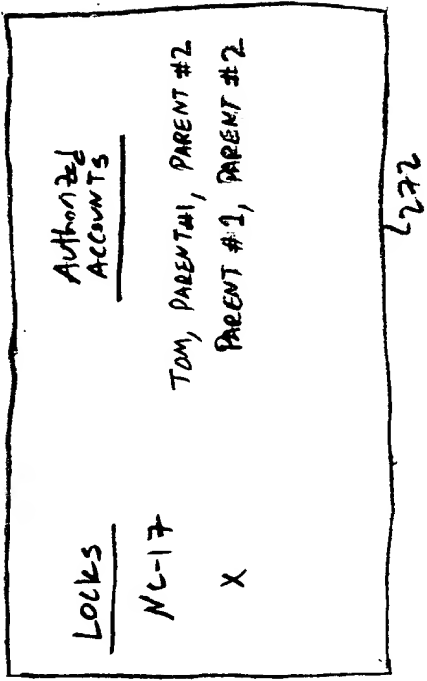


FIG. 19a

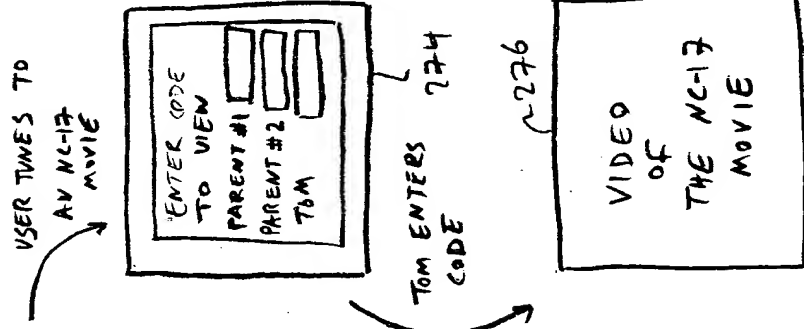


FIG. 19b

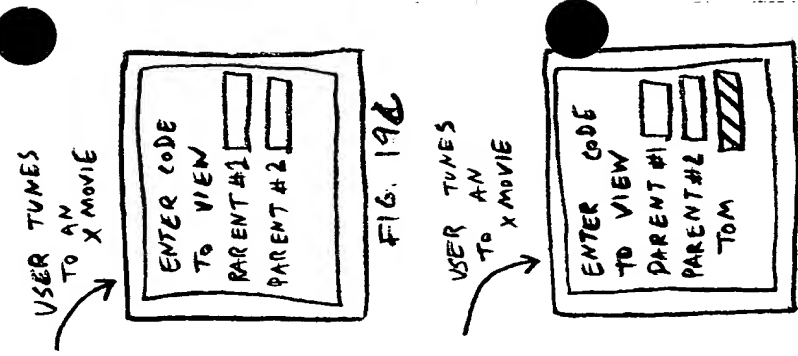
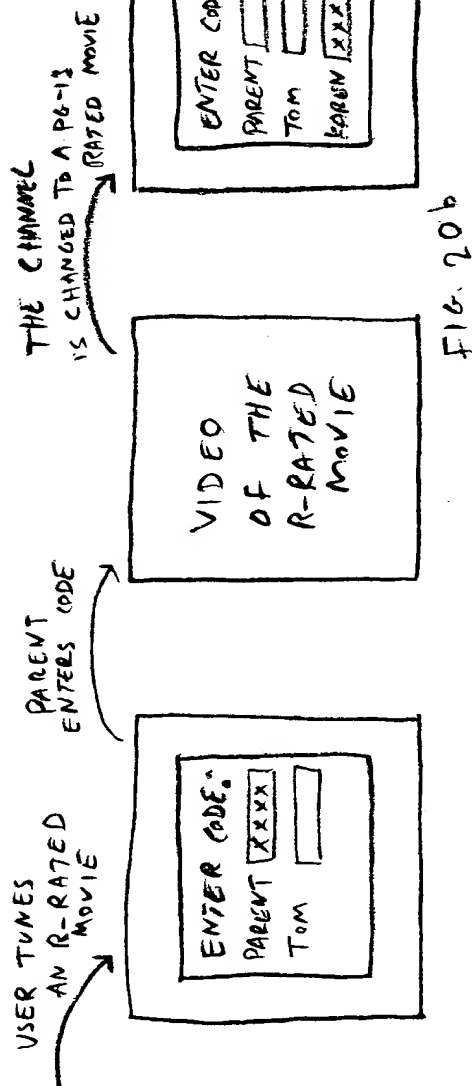
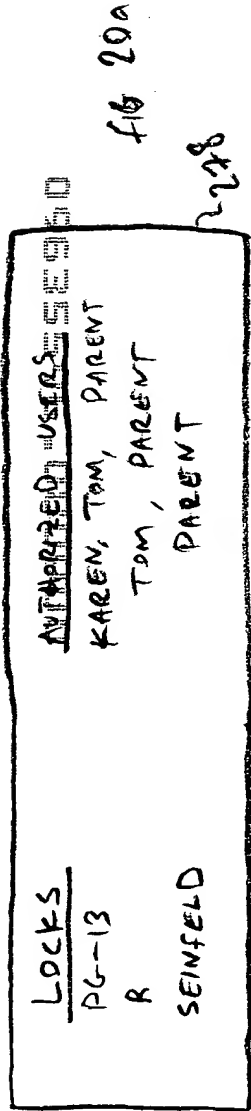


FIG. 19d



000000" 96552960

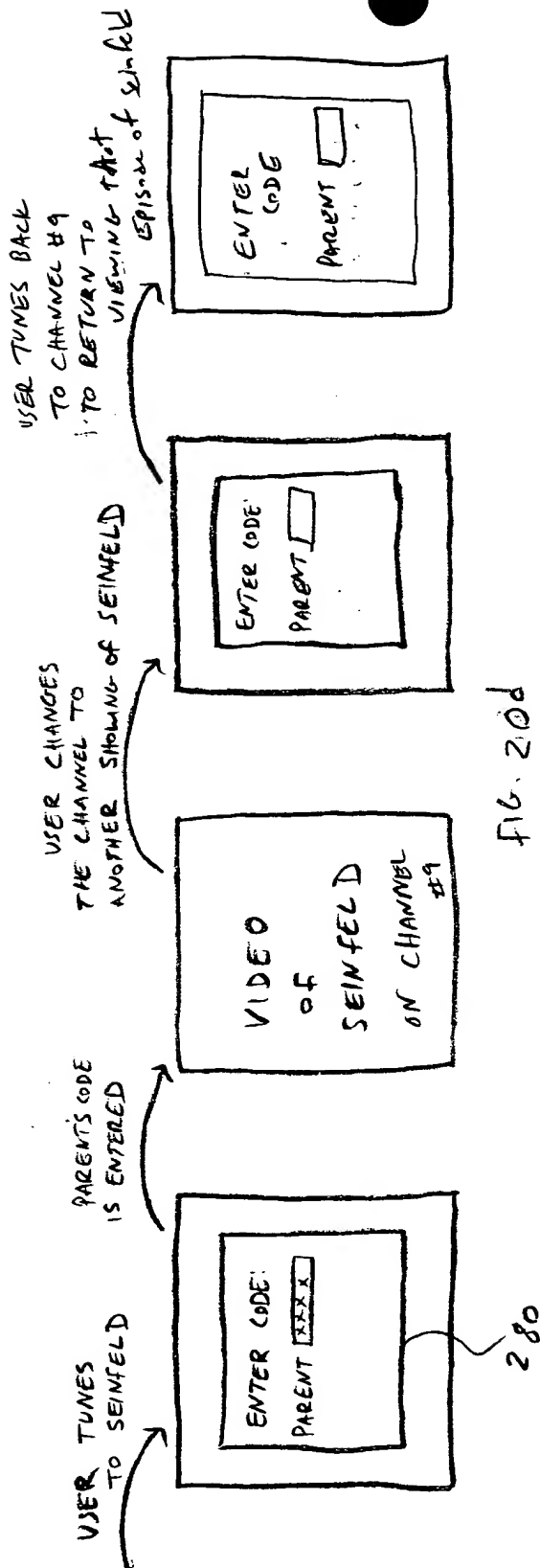
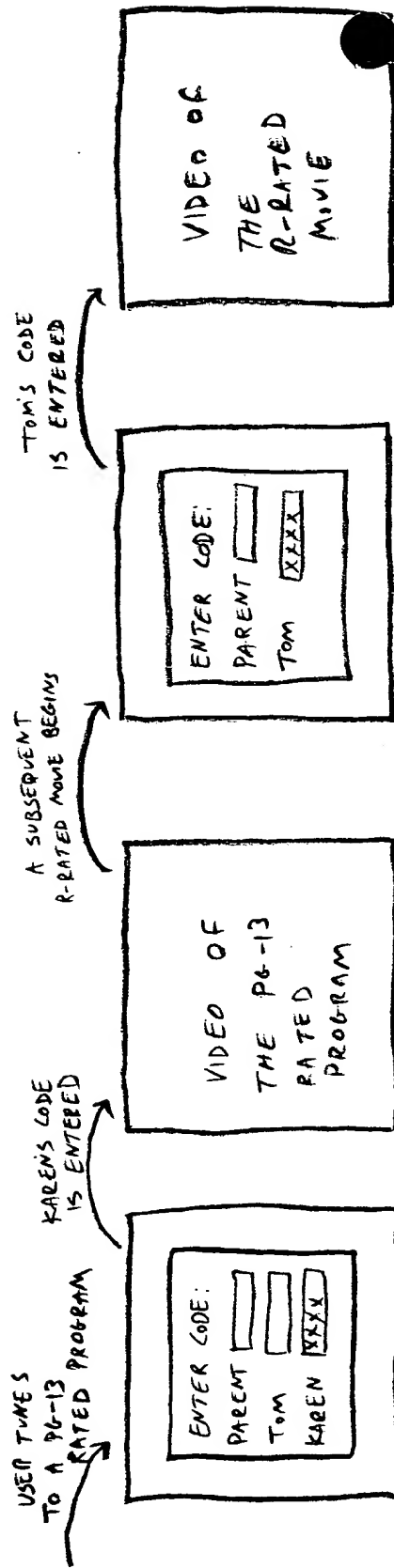
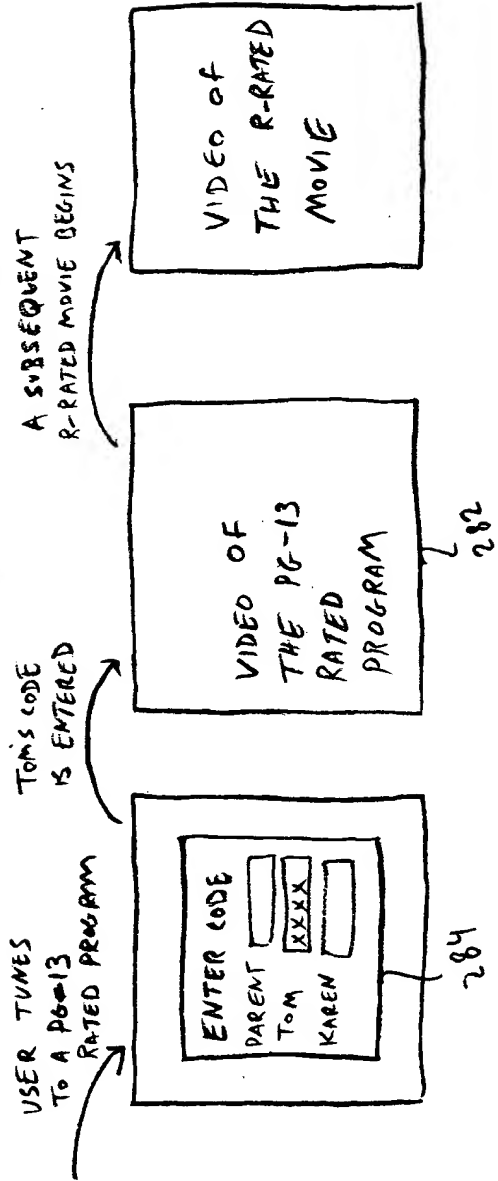


FIG. 20d

UV-157

000000" 9655E960



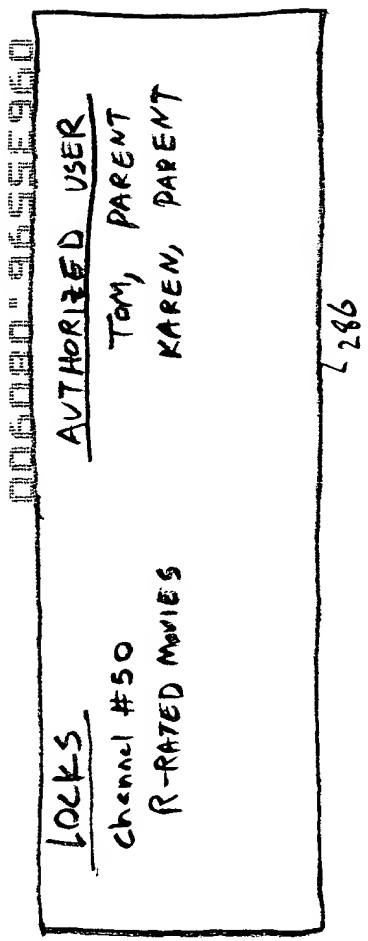
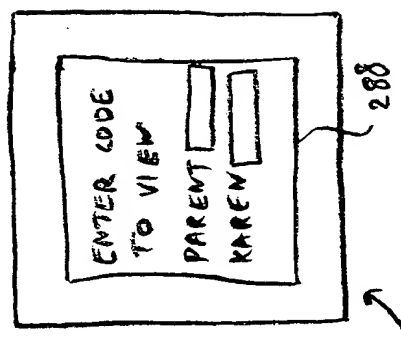
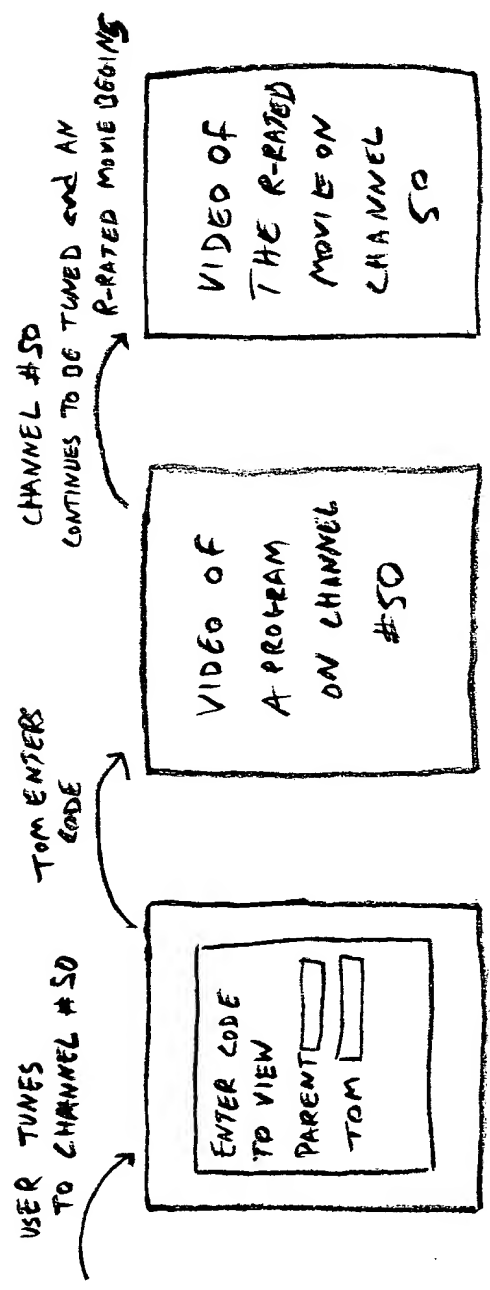


FIG. 22a



USER TUNES ANOTHER CHANNEL WHICH IS SHOWING AN R-RATED MOVIE

FIG. 22b

000000 "USER MANIPULATES
TO MOVIE RATING AND
REMOVES LOCK ON R-RATED MOVIES

MIKE ▾

MOVIE RATING ▾ 96 ▾

TV RATING ▾ TV-14 ▾

CHANNEL ▾ #55 (HBO) ▾

TIME ▾ 11:00 PM ▾

LOCKED TITLES ▾ MOONSTRUCK ▾

ADD TO TITLE LOCK

300

MIKE ▾

MOVIE RATING ▾ R ▾

TV RATING ▾ TV-14 ▾

CHANNEL ▾ #55 (HBO) ▾

TIME ▾ 11:00 PM ▾

LOCKED TITLES ▾ MOONSTRUCK ▾

ADD TO TITLE LOCK

302

FIG. 23A

USER TUNES
A PG-RATED
PROGRAM

ENTER
CODE TO
VIEW PROGRAM
PARENT
TOM

USER
TUNES
AN R-RATED
PROGRAM

VIDEO OF
THE R-RATED
MOVIE

USER TUNES
AN R-RATED
PROGRAM

Video of
the R-rated
Movie

USER TUNES
A PG-RATED
PROGRAM

VIDEO
OF THE
PG-RATED
PROGRAM

FIG. 23b

FIG. 23c

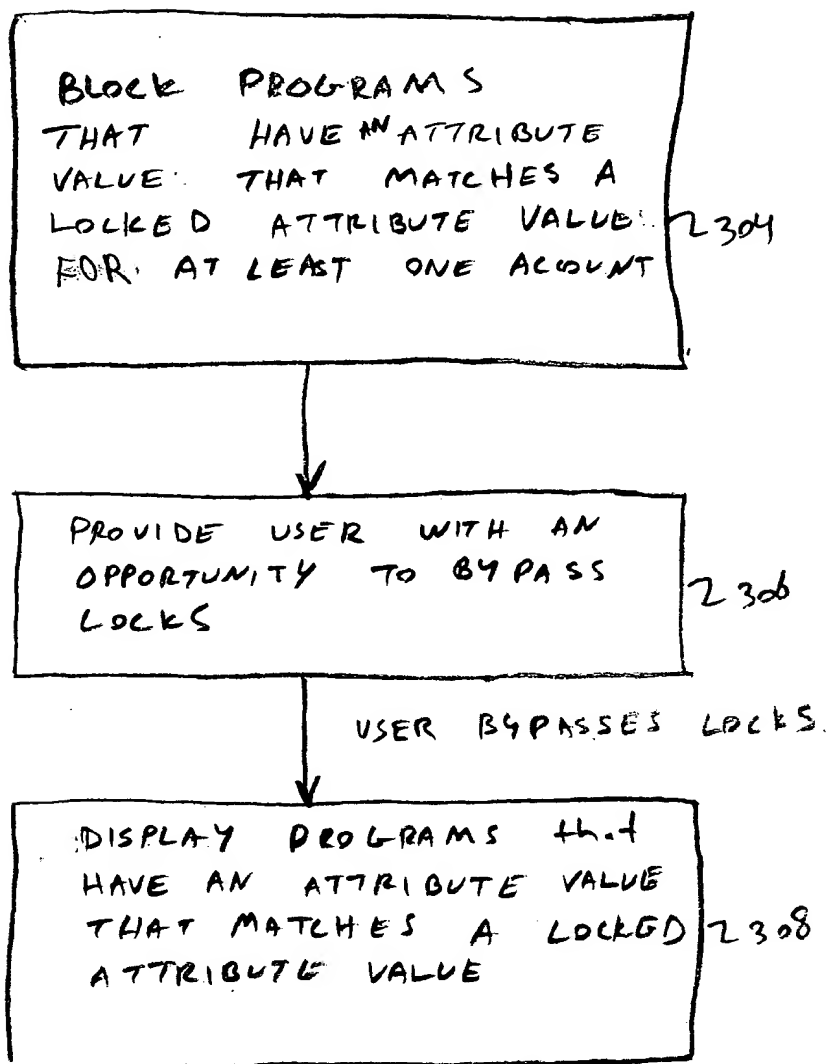
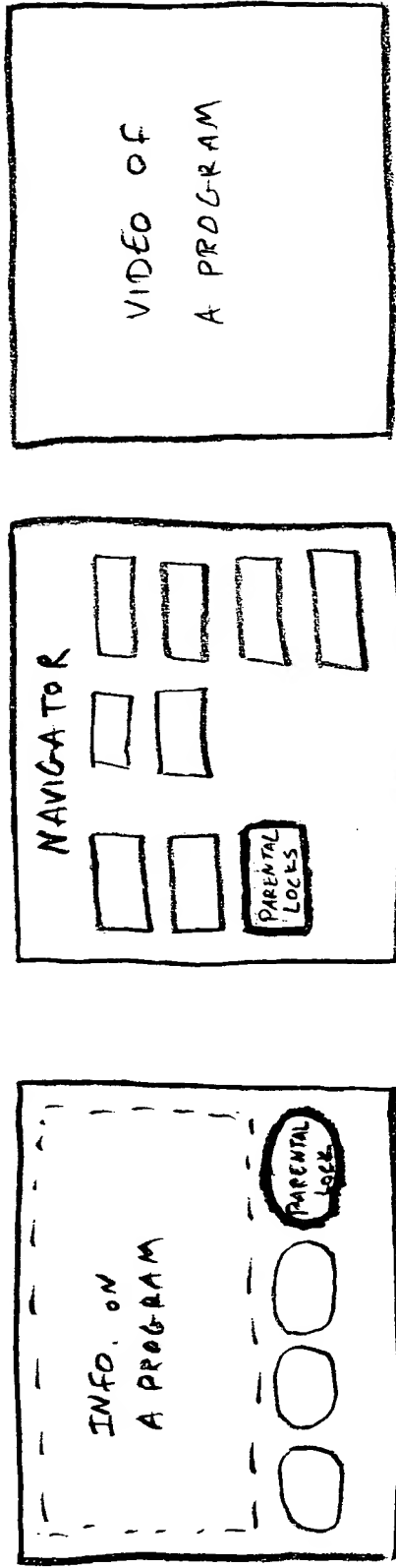


FIG. 24

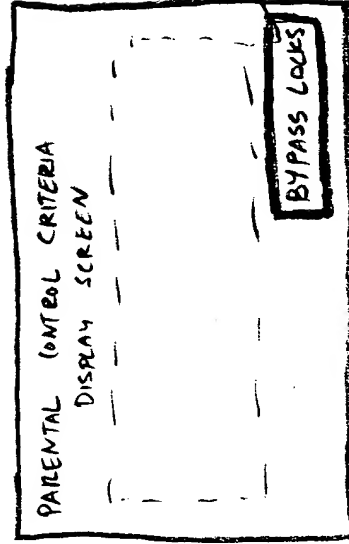


USER
SELECTS
PARENTAL LOCK

USER
SELECTS
PARENTAL
LOCKS

USER PASSES
LOCK KEY

USER ENTERS CODE



312

USER SELECTS
BYPASS LOCKS AND
IF DESIRED, REENTERS
PRESENT CODE

310

Guide sets a BYPASS
of ALL LOCKS

DISPLAY of
INITIATING DISPLAY
SCREEN

FIG. 25

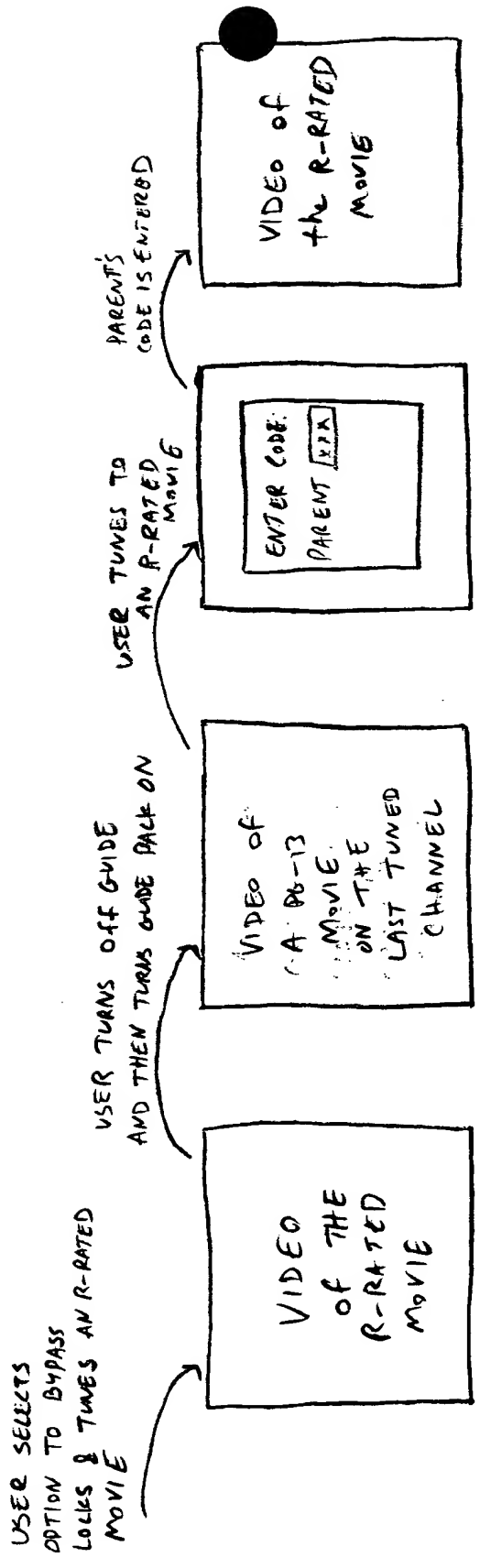
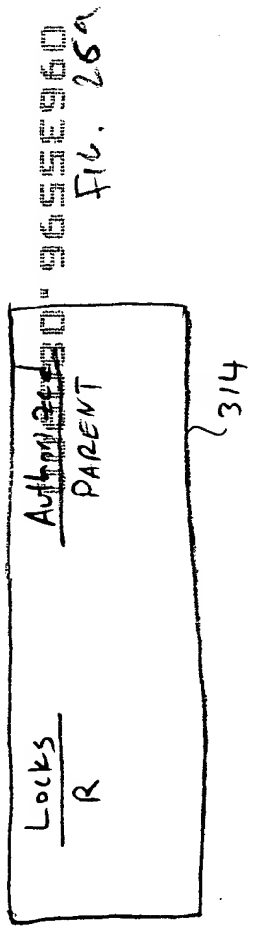


FIG. 26b

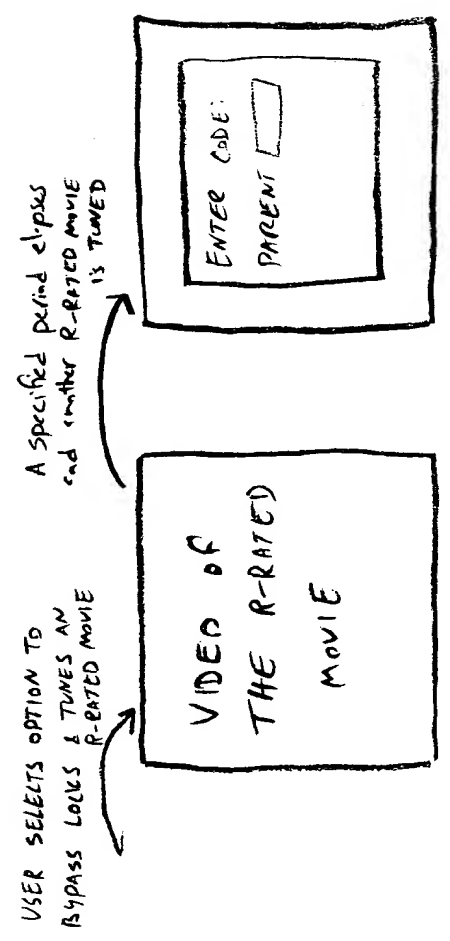
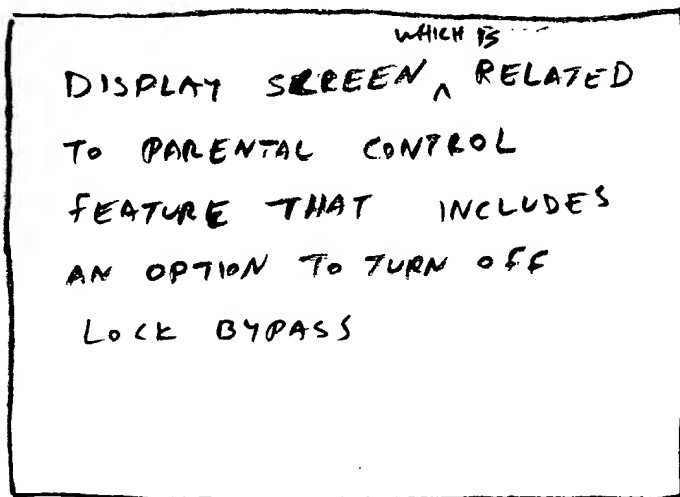


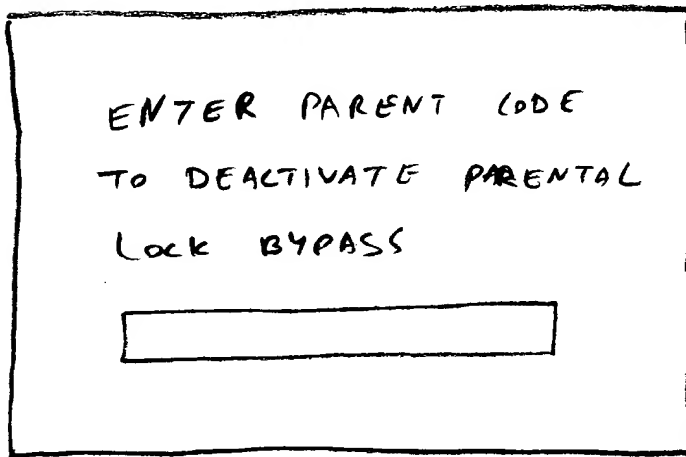
FIG. 26c

USER
ACCESS
A PROGRAM GUIDE
FEATURE



316

USER
SELECTS
OPTION



318

FIG. 27

006080" 96555960

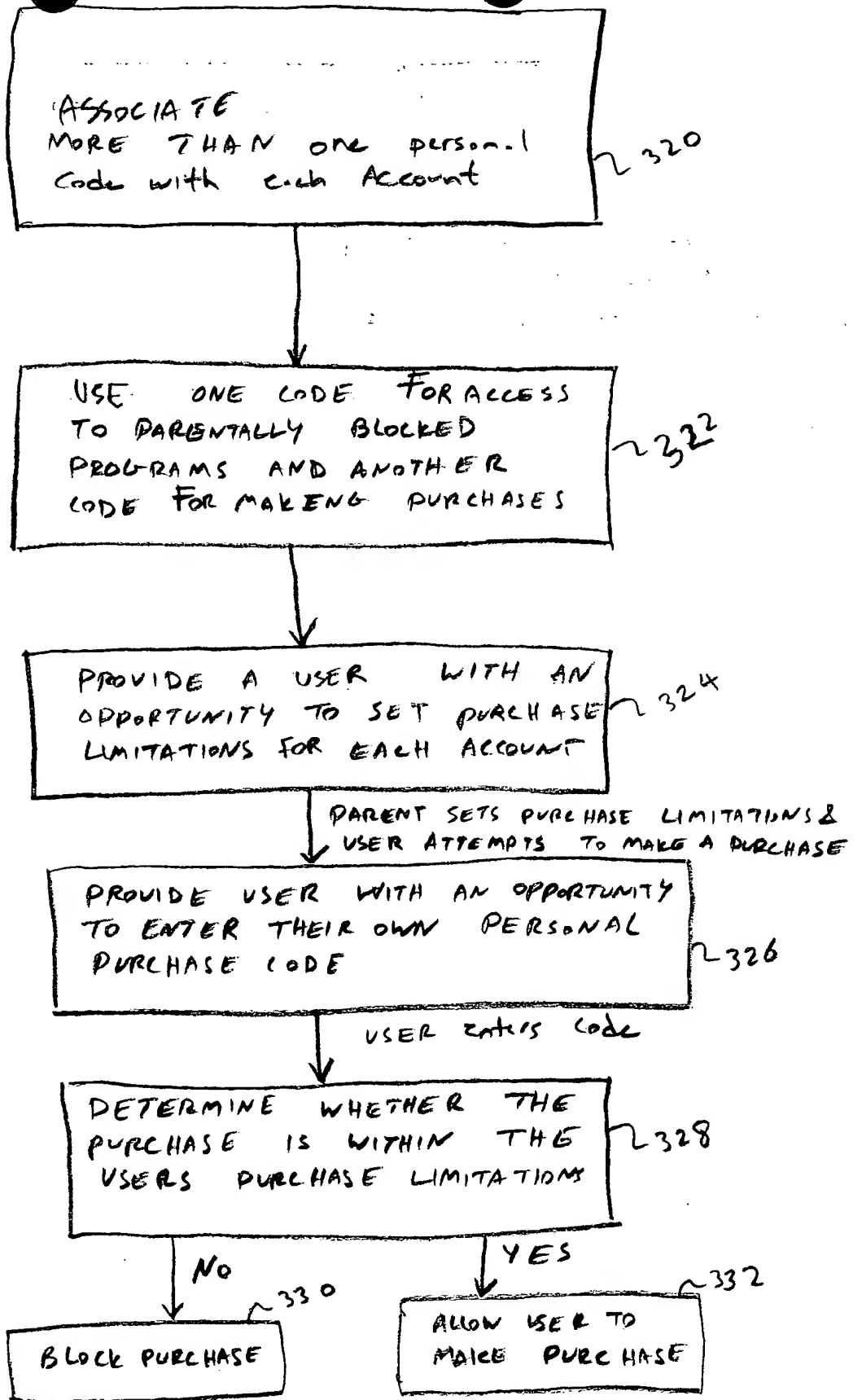


FIG. 28

00635596-080900

006080" 9655960

USER
SELECTS
PURCHASE
CONTROL
OPTION

A PURCHASE
CODE
IS
ENTERED

NAVIGATOR

PURCHASE CONTROL 340

ENTER PARENTAL PURCHASE
CONTROL CODE

PARENT XXXX

◀ JANE ▶

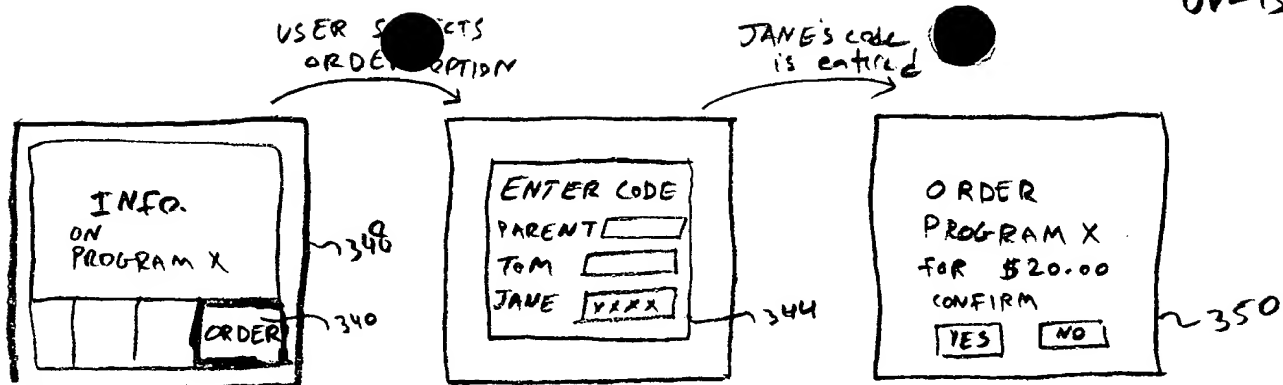
AUTHORIZED TO PURCHASE YES ▶

SPENDING LIMIT PER MONTH \$100.00 ▶

AUTHORIZED PURCHASE

PAY-PER-VIEW	YES NO
MERCHANDISE	YES NO
PREMIUM SERVICE	YES NO

FIG. 29



FILE 309

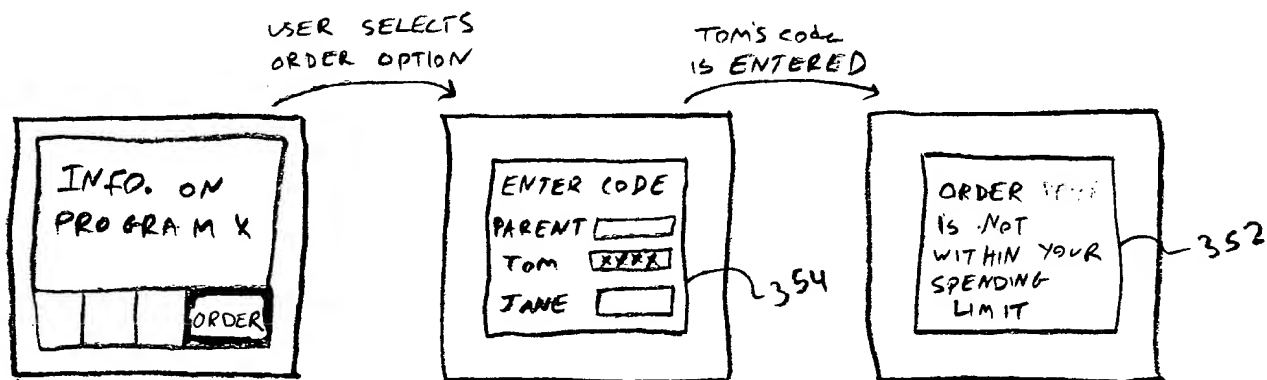


FIG. 30b

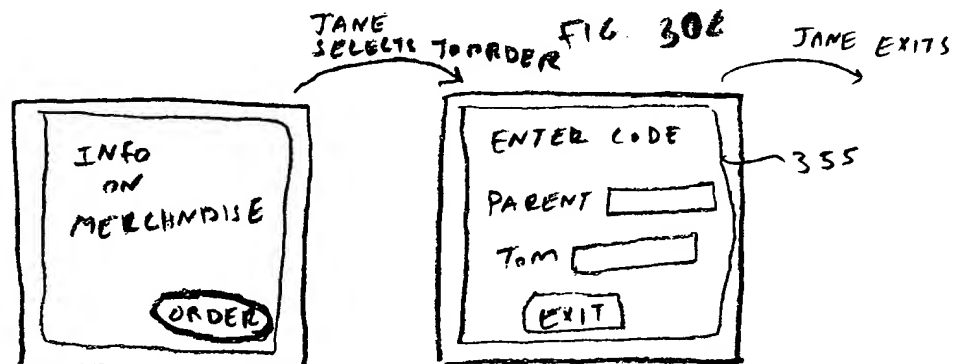
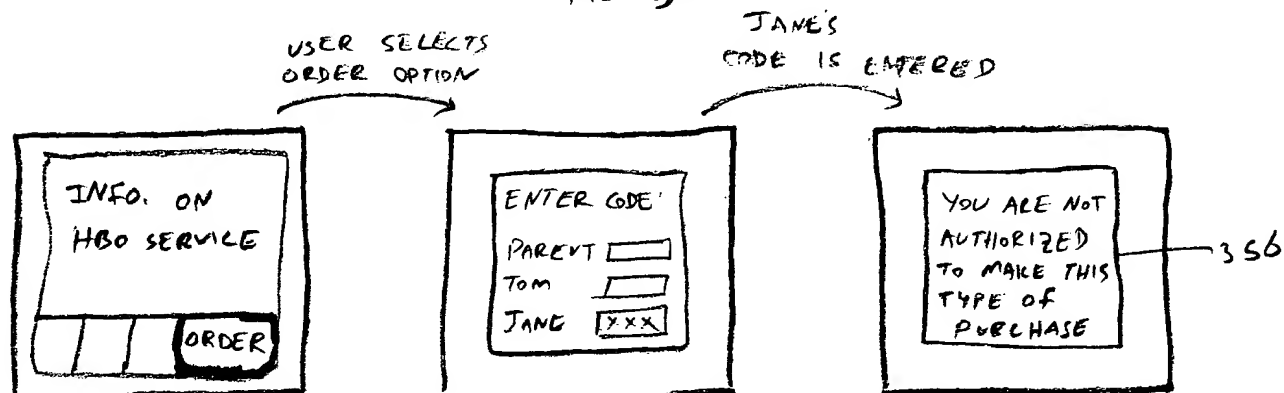


FIG. 30d

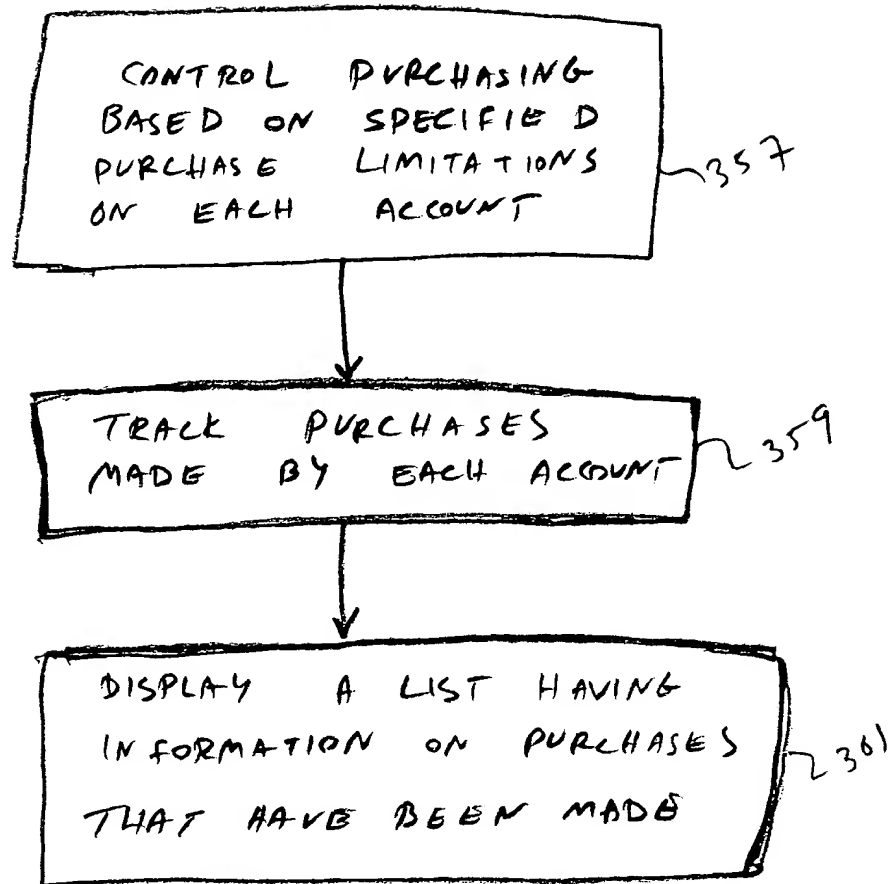


FIG. 31.

USER
SELECTS
PURCHASE
TRACKING

PURCHASES		
<u>TOM</u>		
1/18	WWE PPV	\$5.00
1/17	HBO	\$30.00
		Subtotal - \$35.00
<u>KAREN</u>		
1/17	BRONCOS HAT	\$20.00
1/3	TOY STORY 2	\$5.00
		Subtotal - \$25.00
		Total - \$60.00

CABLE BILL

BASIC SERVICE . . . \$22.00
1/18 WWF PPV - Tom . . . \$5.00
1/17 HBO service - Tom . . . \$30.00
1/17 BRONX HAT - KAREN . \$20.00
1/3 TOY STORY-2 - KAREN \$5.00

TOTAL DUE

CREDIT CARD STATEMENT
OF PARENT

PURCHASES:

Y17 BRIMING HOT _____ \$20.00
ACC# - Raven

am DUE

FIG. 32C

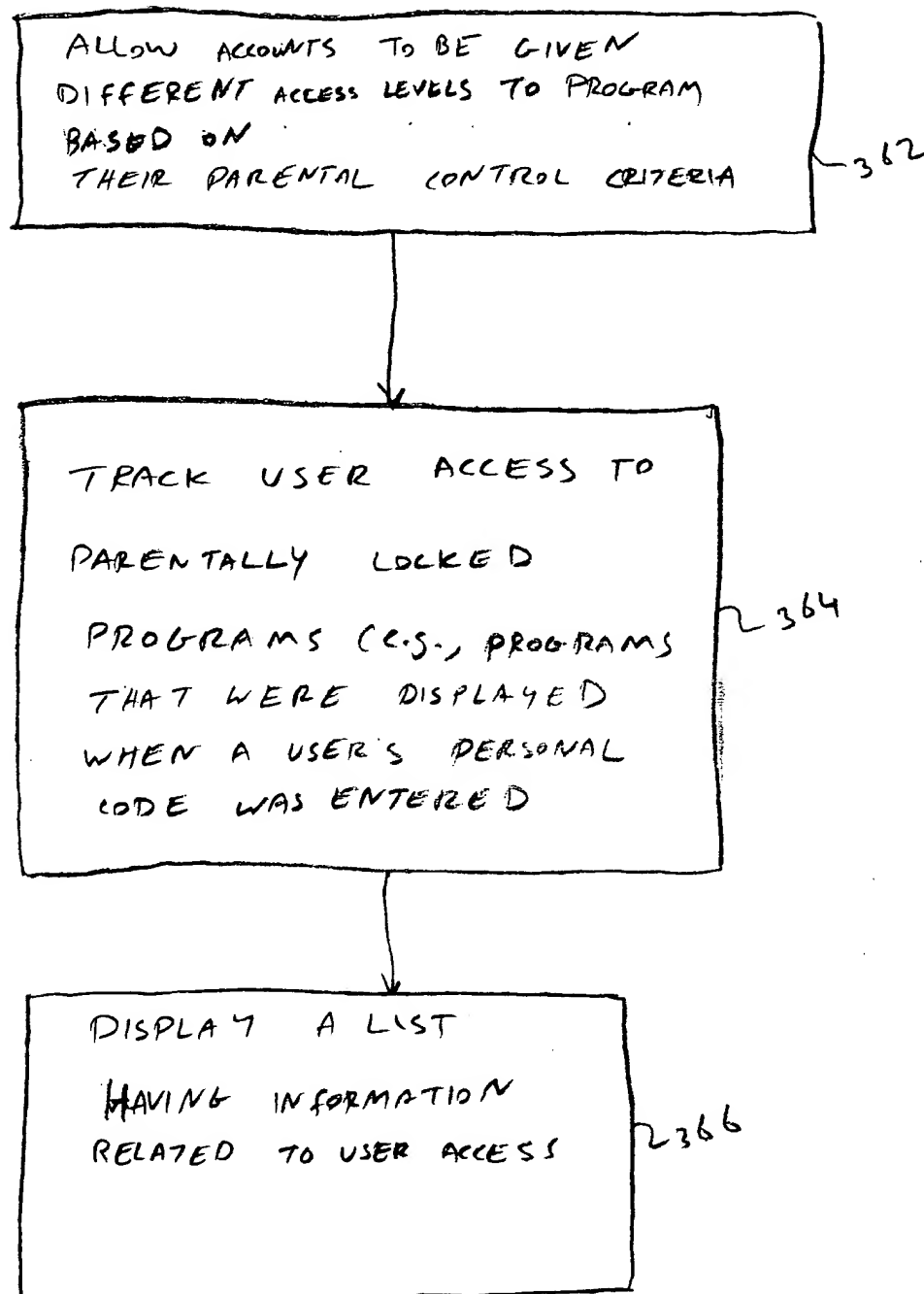
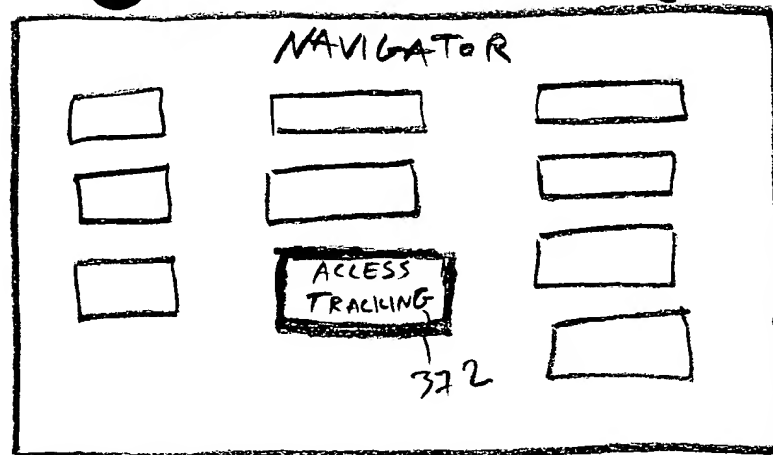


FIG 33



USER
SELECTS
ACCESS
TRACKING
OPTION

<u>WHEN ACCESSED</u>	<u>PROGRAMS ACCESSED</u>	<u>ACCESSING ACCOUNT</u>
1/18	APOCALYPSE NOW	KAREN
1/16	SEINFELD	TOM
1/16	FRAZIER	PARENT
1/14	THE TALENTED MR RIPLEY	PARENT
.	.	.
.	.	.
.	.	.
.	.	.
.	.	.

2370

FIG. 34

005080" 965555960

006080" 9555950

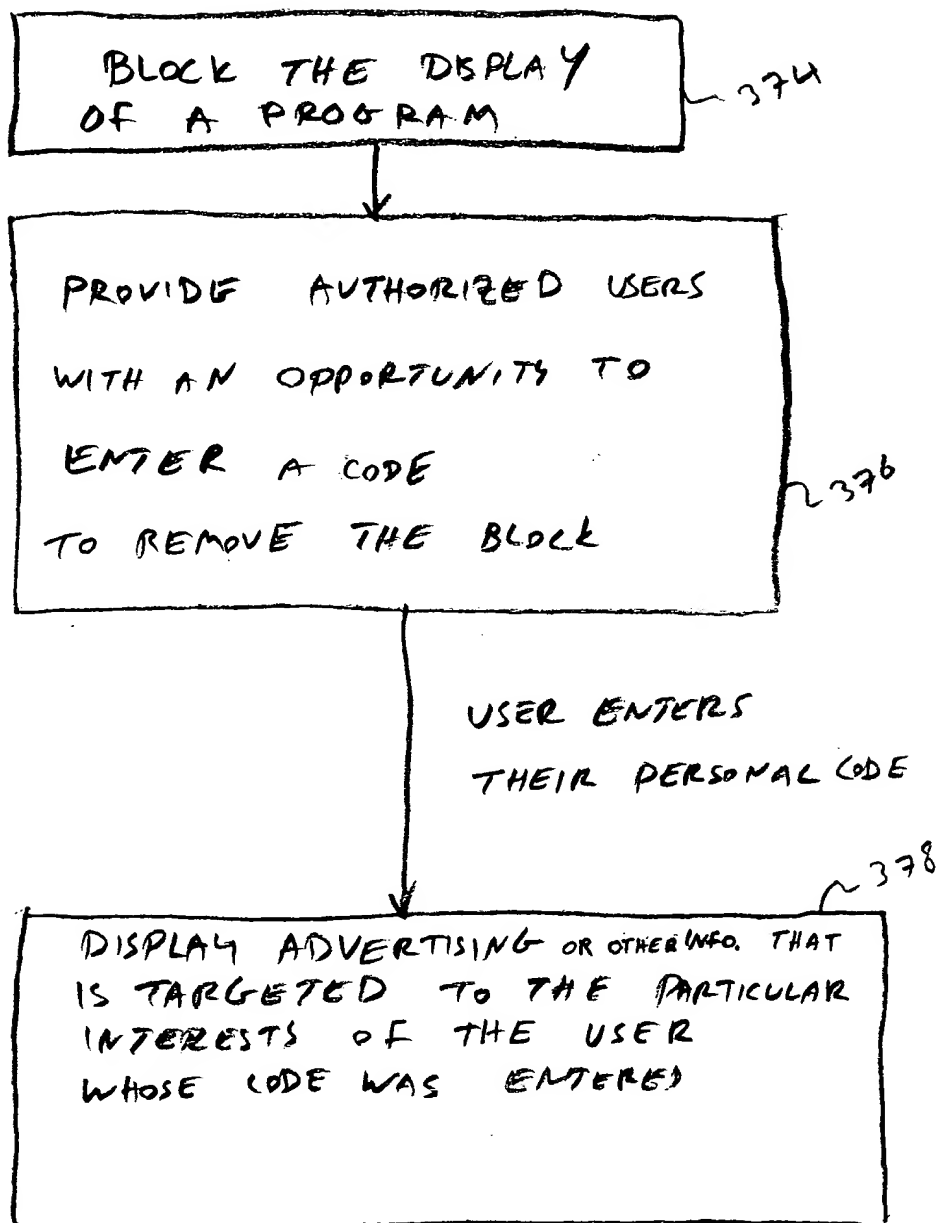


FIG. 35

005020" 95553688 TUNES TO A LOCKED PROGRAM

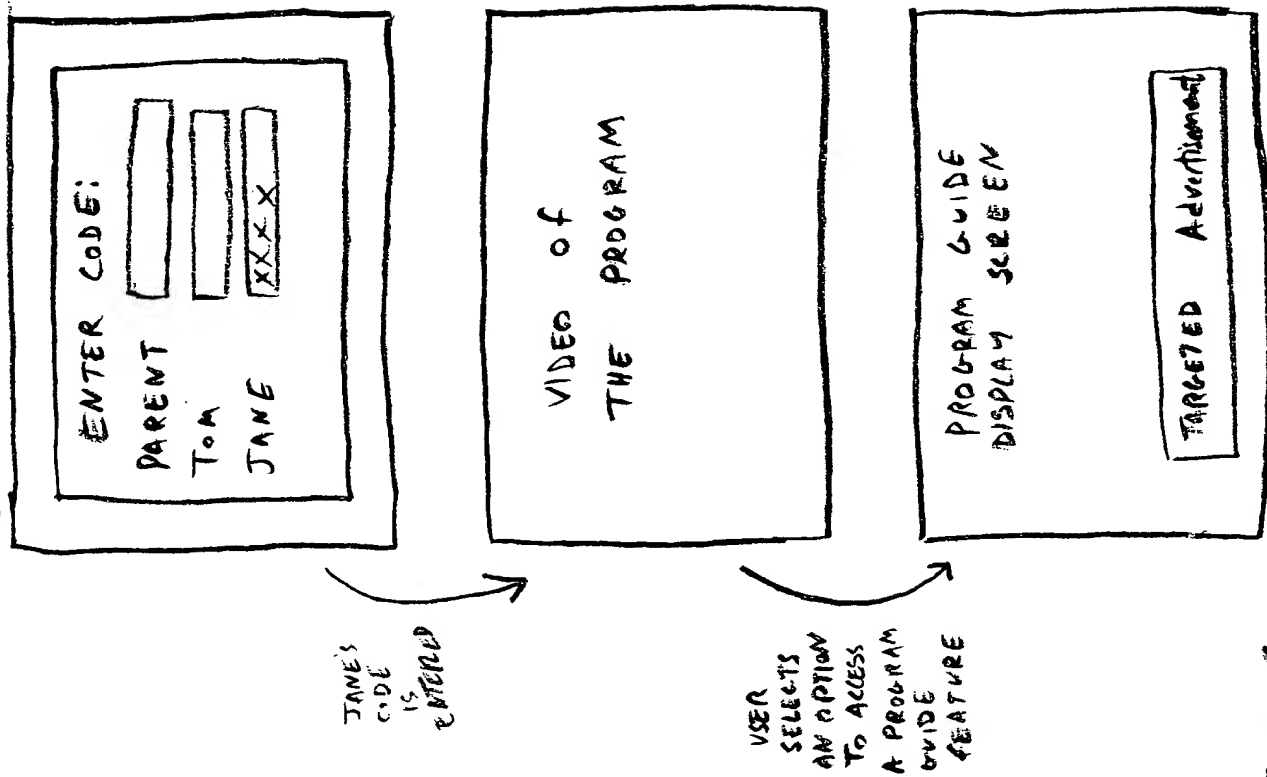


FIG. 38

380

PARENTAL CONTROL SETUP

SINGLE ACCOUNT CONTROL ☒ ☐ MULTI-ACCOUNT CONTROL

PROGRAM LOCKING CONTROL ☒ ☐ OFF

PURCHASE CONTROL ☒ ☐ OFF

CHANGE YOUR CODES

FIG. 37a

MOVIE RATING

TV RATING

CHANNEL

TIME

LOCKED TITLES

ENTER TITLE TO LOCK

FIG. 37b

AUTHORIZED TO PURCHASE ☒ YES ☐

SPENDING LIMIT PER MONTH

Authorized to purchase
Pay
merch-diss ☒ YES ☐ NO

FIG. 37c

006080" 9655E960

child user
tunes on R-R-ted
PROGRAM

FIG. 37a

USER SELECTS
AN OPTION
TO ORDER A PRODUCT

FIG. 37c

006080"9655"960